

REMARKS:

Claims 25-34, 36 and 37

In the final office action mailed Oct. 3, 2005, claims 25-34, 36 and 37 were rejected under 35 USC 102(b) as being anticipated by Rose et al. (US 2001/0013991).

Claim 25 has been amended to require, among other things, a photoresist layer positioned adjacent the underlying layer and having two opposing sides defining a channel. A profile of each of the sides of the photoresist layer that define the channel includes a first segment and a second segment that is contiguous with the first segment, the first segment defining a first angle relative to a plane of deposition of the photoresist layer, the second segment defining a second angle relative to the plane of deposition of the photoresist layer, the second angle being different than the first angle. The first segment of each side of the photoresist layer is positioned below the second segment located contiguously thereto. Heights of the first segments of each side of the photoresist layer measured perpendicular to the plane of deposition of the photoresist layer extends from the underlying layer to a point between 20% and 80% of a total channel height from a top of the channel.

This particular combination of features is not found in Rose nor in the other art of record.

Applicants particularly note that Rose fails to disclose a photoresist layer having two sides that define a channel, where each side includes a first segment and a second segment. A marked-up version of Rose's FIG. 3 from the Office Action dated Oct. 3, 2005 is reproduced below:

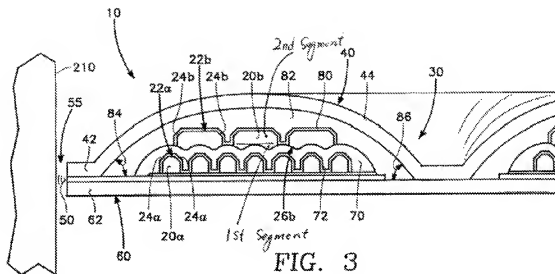


FIG. 3

Looking to the marked-up version of Rose's FIG. 3 above, the first segment marked by the Examiner is not of a side of a photoresist layer 82. Thus, the first segment indicated by Rose does not anticipate the first segment of claim 25, as Rose's first segment is defined by insulating layer 70 rather than by a photoresist layer as claimed.

Claims 26-34 depend from claim 25 and are therefore also believed to be allowable.

Claim 36 includes similar limitations as claim 25. Therefore claim 36 is believed to be allowable for similar reasons presented above with respect to claim 25.

Claim 37 has been amended to require, among other things, that heights of the first segments of each side of the photoresist layer measured perpendicular to the plane of deposition of the photoresist layer extends from the underlying layer to a point between 20% and 80% of a total channel height from a top of the channel.

The particular combination of features claimed in claim 37 is not found in Rose nor in the other art of record.

Claim 35

Claim 35 was rejected under 35 USC 103(a) as being unpatentable over Rose in view of Hsiao et al (US 6570739).

Because parent claim 25 is believed to be allowable over Rose, and Hsiao has merely been added to show additional features, claim 35 is also believed to be allowable. Reconsideration and allowance of claim 35 is respectfully requested.

In the event a telephone conversation would expedite the prosecution of this application, the Examiner may reach the undersigned at (408) 971-2573. For payment of any additional fees due in connection with the filing of this paper, the Commissioner is authorized to charge such fees to Deposit Account No. 50-2587 (Order No. HSI920030045US1).

Respectfully submitted,

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